

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-2 (canceled)

1           Claim 3 (previously presented) A multi-mode cellular  
2       phone terminal comprising:

3           radio communications means connected to an antenna for  
4       transmitting/receiving radio waves;

5           signal processing means for transmitting/receiving a  
6       transmit/receive signal to/from said radio communication  
7       means; and

8           communications control means for controlling said  
9       radio communications means and said signal processing  
10      means, said multi-mode cellular phone terminal supporting  
11      a plurality of communications systems,

12           wherein said radio communications means is composed of  
13      hardware to be use in common by a plurality of  
14      communications systems, and said signal processing means is  
15      composed of hardware to execute signal processing  
16      supporting a plurality of communications systems,

17           ~~wherein communications control means can support~~  
18      ~~different communications control systems and that said~~  
19      signal processing means can support different bit rates and

20 modulation systems using different communications systems  
21 timings, and  
22 wherein communications control means can support  
23 different communications systems timings.

Claim 4 (canceled)

1 Claim 5 (previously presented) A multi-mode cellular  
2 phone terminal according to claim 3, wherein a clock having  
3 a frequency necessary for modulation/demodulation at a  
4 plurality of different bit rates is generated by frequency  
5 division means for making integral frequency division via  
6 different dividing number or fractional frequency division  
7 of a common reference clock output from a single  
8 oscillator.

Claim 6 (canceled)

1 Claim 7 (original) A multi-mode cellular phone  
2 terminal according to claim 3, wherein said signal  
3 processing means executes modulation/demodulation  
4 supporting a plurality of communications systems and has a  
5 signal processor composed of common hardware and memory  
6 storing a plurality of signal processing programs.

Claim 8 (canceled)

1           Claim 9 (original) A multi-mode cellular phone  
2       terminal according to claim 3, wherein said signal  
3       processing means has a signal processor composed of common  
4       hardware and read/write memory storing the minimum signal  
5       processing programs to support each communications system.

1           Claim 10 (original) A multi-mode cellular phone  
2       terminal according to claim 3, wherein said communications  
3       control means has a controller supporting a plurality of  
4       communications systems and memory storing control programs  
5       supporting the multi-mode.

          Claims 11 (canceled)

1           Claims 12 (original) A multi-mode cellular phone  
2       terminal according to claim 5, wherein said multi-mode  
3       cellular phone terminal has a system timer for switching  
4       over a plurality of clocks generated by said frequency  
5       division means and counting different timings to support a  
6       plurality of communications systems.

1           Claim 13 (previously presented) A multi-mode cellular  
2       phone terminal comprising  
3               radio communications means connected to an antenna for  
4       transmitting/receiving radio waves;

5           signal processing means for transmitting/receiving a  
6       transmit/receive signal to/from said radio communication  
7       means; and

8           communications control means for controlling said  
9       radio communications means and said signal processing  
10      means, said multi-mode cellular phone terminal supporting  
11      a plurality of communications systems,

12           wherein said radio communications means is composed of  
13      hardware to be use in common by a plurality of  
14      communications systems, and said signal processing means is  
15      composed of hardware to execute signal processing  
16      supporting a plurality of communications systems,

17           wherein communications control means can support  
18      different communications control systems and that said  
19      signal processing means can support different bit rates and  
20      modulation systems,

21           wherein said communications control means has a  
22      controller supporting a plurality of communications systems  
23      and memory storing control programs supporting the multi-  
24      mode, and

25           wherein said multi-mode cellular phone terminal  
26      establishes connection of a voice call or data  
27      communications by switching over and counting a plurality  
28      of timings to support a plurality of communications systems  
29      and maintaining the system timing synchronization  
30      supporting a plurality of communications systems.

1           Claim 14 (previously presented) A multi-mode cellular  
2   phone terminal comprising  
3           radio communications means connected to an antenna for  
4   transmitting/receiving radio waves;  
5           signal processing means for transmitting/receiving a  
6   transmit/receive signal to/from said radio communication  
7   means; and  
8           communications control means for controlling said  
9   radio communications means and said signal processing  
10   means, said multi-mode cellular phone terminal supporting  
11   a plurality of communications systems,  
12           wherein said radio communications means is composed of  
13   hardware to be use in common by a plurality of  
14   communications systems, and said signal processing means is  
15   composed of hardware to execute signal processing  
16   supporting a plurality of communications systems,  
17           wherein communications control means can support  
18   different communications control systems and that said  
19   signal processing means can support different bit rates and  
20   modulation systems,  
21           wherein said multi-mode cellular phone terminal has a  
22   system timer for switching over a plurality of clocks  
23   generated by said frequency division means and counting  
24   different timings to support a plurality of communications  
25   systems, and

26            wherein said multi-mode cellular phone terminal  
27       establishes connection of a voice call or data  
28       communications by switching over and counting a plurality  
29       of timings to support a plurality of communications systems  
30       and maintaining the system timing synchronization  
31       supporting a plurality of communications systems.

1            Claim 15 (previously presented) A multi-mode cellular  
2       phone terminal comprising  
3            radio communications means connected to an antenna for  
4       transmitting/receiving radio waves;  
5            signal processing means for transmitting/receiving a  
6       transmit/receive signal to/from said radio communication  
7       means; and  
8            communications control means for controlling said  
9       radio communications means and said signal processing  
10      means, said multi-mode cellular phone terminal supporting  
11      a plurality of communications systems,  
12           wherein said radio communications means is composed of  
13      hardware to be use in common by a plurality of  
14      communications systems, and said signal processing means is  
15      composed of hardware to execute signal processing  
16      supporting a plurality of communications systems,  
17           wherein communications control means can support  
18      different communications control systems and that said  
19      signal processing means can support different bit rates and

20 modulation systems,  
21 wherein a clock having a frequency necessary for  
22 modulation/demodulation at a plurality of different bit  
23 rates is generated by frequency division means for making  
24 integral frequency division via different dividing number  
25 or fractional frequency division of a common reference  
26 clock output from a single oscillator, and  
27 wherein said multi-mode cellular phone terminal  
28 establishes connection of a voice call or data  
29 communications by switching over and counting a plurality  
30 of timings to support a plurality of communications systems  
31 and maintaining the system timing synchronization  
32 supporting a plurality of communications systems.

1 Claim 16 (original) A multi-mode cellular phone  
2 terminal according to claim 13, characterized in that said  
3 multi-mode cellular phone terminal performs a handover  
4 between different communications systems by providing  
5 monitoring means for monitoring the receiving state to  
6 support the communications system of the handover  
7 destination in the idle period of an established  
8 communications system in connecting a voice call or data  
9 communications and by maintaining the system timing  
10 synchronization to support the communications system of the  
11 handover destination.

1           Claim 17     (original) A multi-mode cellular phone  
2     terminal according to claim 14, characterized in that said  
3     multi-mode cellular phone terminal performs a handover  
4     between different communications systems by providing  
5     monitoring means for monitoring the receiving state to  
6     support the communications system of the handover  
7     destination in the idle period of an established  
8     communications system in connecting a voice call or data  
9     communications and by maintaining the system timing  
10    synchronization to support the communications system of the  
11    handover destination.

1           Claim 18     (original) A multi-mode cellular phone  
2     terminal according to claim 15, characterized in that said  
3     multi-mode cellular phone terminal performs a handover  
4     between different communications systems by providing  
5     monitoring means for monitoring the receiving state to  
6     support the communications system of the handover  
7     destination in the idle period of an established  
8     communications system in connecting a voice call or data  
9     communications and by maintaining the system timing  
10    synchronization to support the communications system of the  
11    handover destination.